

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 3

**Complete if Known**

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	<i>Woo</i>

Attorney Docket Number SABI-30190 (STC 03-0037)

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
<i>Cito</i>		US- 3,702,886	11-14-1972	Argauer, et al.	
		US- 3,965,207	06-22-1976	Weinstein	
		US- 4,278,827	07-14-1981	Chu, et al.	
		US- 5,210,356	05-11-1993	Shamshoum, et al.	
		US- 5,227,558	07-13-1993	Shamshoum, et al.	
		US- 5,336,824	08-09-1994	Shamshoum, et al.	
		US- 5,349,113	09-20-1994	Chang, et al.	
		US- 5,387,732	02-07-1995	Shamshoum, et al.	
		US- 5,847,255	12-08-1998	Ghosh, et al.	
		US- 5,907,073	05-27-1999	Ghosh	
		US- 5,990,031	11-23-1999	Ghosh	
		US- 5,994,603	11-30-1999	Mohr, et al.	
		US- 6,057,485	05-02-2000	Merrill, et al.	
		US- 6,090,991	07-18-2000	Butler, et al.	
		US- 6,096,938	08-01-2000	Ghosh	
		US- 6,222,084B1	04-24-2001	Ghosh, et al.	
		US- 6,268,305B1	07-31-2001	Butler, et al.	
		US- 6,504,072B1	01-07-2003	Brown, et al.	
		US- 6,504,074B1	01-07-2003	Berduijn, et al.	

**FOREIGN PATENT DOCUMENTS**

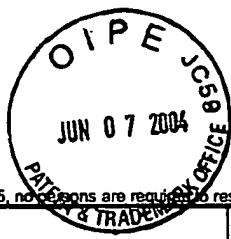
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
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Examiner Signature *Woo*Date Considered *2/14/04*

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

*(Use as many sheets as necessary)*

5

2

1

**Complete If Known**

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	Wood
Attorney Docket Number	SABI-30190 (STC-03-0037)

U. S. PATENT DOCUMENTS

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>Lynn</i>		Number-Kind Code <sup>2</sup> ( <i>If known</i> )			
		US- 6,613,708B1	09-02-2003	Ou et al.	
		US-			
	US-				

## **FOREIGN PATENT DOCUMENTS**

<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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STATEMENT BY APPLICANT

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Sheet

3

of

3

Application Number	10/790,948
Filing Date	March 2, 2003
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	<i>WJD</i>
Attorney Docket Number	SABI-30190 (STC 03-0037)

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>WJD</i>	AA	KAEDING, W.W., et al., Selective Alkylation of Toluene to Produce para-Xylene, Journal of Catalysis, 1981, pp. 159-174, Vol. 67	<i>J</i>
<i>MW</i>	AB	NIWA, M., et al., Fine Control of the Pore-Opening Size of Zeolite ZSM-5 by Chemical Vapor Deposition of Silicon Methoxide, J. Phys. Chem., 1986, pp. 6233-6237, Vol. 90.	<i>J</i>

Examiner  
Signature*WJD*Date  
Considered*6/1/03*

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1 of 9

**Complete if Known**

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	WOODY

Attorney Docket Number (SABI-30190 (STC-03-0037))

U. S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document
		Number-Kind Code* (If known)	MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 4,548,914	10-22-1985	Chu
		US- 4,590,321	05-20-1986	Chu
		US- 4,623,530	11-18-1986	Cullo et al.
		US- 4,623,533	11-18-1986	Young
		US- 4,638,108	01-20-1987	Pieters et al.
		US- 4,666,261	05-12-1987	Chu
		US- 4,670,616	06-02-1987	De Simone et al.
		US- 4,673,787	06-16-1987	Nimry et al.
		US- 4,694,114	09-15-1987	Chu et al.
		US- 4,695,666	09-22-1987	Chao et al.
		US- 4,695,667	09-22-1987	Sumitani et al.
		US- 4,704,495	11-03-1987	Dessau
		US- 4,716,135	12-29-1987	Chen
		US- 4,721,827	01-26-1988	Cullo et al.
		US- 4,727,208	02-23-1988	Chao
		US- 4,746,763	05-24-1988	Kocal
		US- 4,758,328	07-19-1988	Young
		US- 4,781,513	08-02-1988	Stacey
		US- 4,847,223	07-11-1989	Le Van Mao et al.

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FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document
		Country Code* "Number" "Kind Code" (If known)	MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear

Examiner Signature	WOODY	Date Considered	12/14/04
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>		Application Number	10/790,948
		Filing Date	March 2, 2004
		First Named Inventor	Ashim Kumar Ghosh
		Art Unit	1755
		Examiner Name	1000P
Sheet 2 of 9		Attorney Docket Number	SABI-30190 (STC-03-0037)

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Document Number Number-Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
Office		US- 4,891,930	08-29-1980	Cottrell et al.
		US- 4,873,087	10-10-1989	Valyocsik et al.
		US- 4,891,197	01-02-1990	Derouane et al.
		US- 4,891,467	01-02-1990	Sikkenga
		US- 4,902,406	02-20-1990	Valyocsik
		US- 4,912,073	03-27-1990	Chu
		US- 4,914,087	04-03-1990	Pellet et al.
		US- 4,935,574	06-19-1990	D'Amore et al.
		US- 4,962,255	10-09-1990	Fraenkel et al.
		US- 4,973,781	11-27-1990	Valyocsik et al.
		US- 5,041,402	08-20-1991	Cascl et al.
		US- 5,043,502	08-27-1991	Martindale et al.
		US- 5,047,141	09-10-1991	Chu
		US- 5,068,483	11-26-1991	Barthomeuf et al.
		US- 5,094,995	03-10-1992	Butt et al.
		US- 5,105,047	04-14-1992	Waller
		US- 5,108,579	04-28-1992	Cascl
		US- 5,110,776	05-05-1992	Chitnis et al.
		US- 5,124,299	06-23-1992	Waller

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FOREIGN PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* Number * Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

Examiner Signature	1000P	Date Considered	2/14/05
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet

6

1

Attorney Docket Number SAB-30190 (STC-03-0037)

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	JOOP
Attorney Docket Number	SABT-30190 (STC-03-0037)

U. S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.*	Document Number Number-Kind Code* & Drawing	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
2/10/01		US- 5,171,921	12-15-1992	Gaffney et al.
		US- 5,173,461	12-22-1992	Absil et al.
		US- 5,178,748	01-12-1993	Casci et al.
		US- 5,231,064	07-27-1993	Absil et al.
		US- 5,233,102	08-03-1993	Butt et al.
		US- 5,246,688	09-21-1993	Faust et al.
		US- 5,248,841	09-28-1993	Young
		US- 5,254,787	10-19-1993	Dwyer
		US- 5,254,770	10-19-1993	Olson et al.
		US- 5,294,578	03-15-1994	Ho et al.
		US- 5,315,033	05-24-1994	Butt et al.
		US- 5,318,696	06-07-1994	Kowalski
		US- 5,321,183	08-14-1994	Chang et al.
		US- 5,336,478	08-09-1994	Dwyer et al.
		US- 5,345,021	09-06-1994	Casci et al.
		US- 5,348,643	09-20-1994	Absil et al.
		US- 5,349,113	09-20-1994	Chang et al.
		US- 5,365,003	11-15-1994	Chang et al.
		US- 5,366,948	11-22-1994	Absil et al.

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Sheet 4 of 9

**Complete If Known**

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Seminar Name	W00P
Attorney Docket Number	SAB-301SD (STC-03-0037)

U. S. PATENT DOCUMENTS					
Examiner Initiator	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Page, Column, Line, Where Relevant Passages or Relevant Figures Appear
<i>CH</i>	US- 5,367,100		11-22-1994	Gongwei et al.	
	US- 5,371,307		12-06-1994	Guth et al.	
	US- 5,378,670		01-03-1995	Kumar	
	US- 5,380,680		01-10-1995	Zhicheng et al.	
	US- 5,385,718		01-31-1995	Casci et al.	
	US- 5,399,336		03-21-1995	Guth et al.	
	US- 5,430,212		07-04-1995	Butt et al.	
	US- 5,430,213		07-04-1995	Hendriksen et al.	
	US- 5,446,234		08-29-1995	Casci et al.	
	US- 5,455,213		10-03-1995	Chang et al.	
	US- 5,458,821		10-10-1995	Absil et al.	
	US- 5,464,799		11-07-1995	Casci et al.	
	US- 5,475,179		12-12-1995	Chang et al.	
	US- 6,498,814		03-12-1996	Chang et al.	
	US- 5,503,818		04-02-1996	Nicolaides	
	US- 5,516,736		05-14-1996	Chang et al.	
<i>CH</i>	US- 5,523,510		06-04-1996	Pellet et al.	
	US- 5,534,239		07-09-1996	Fajula et al.	
<i>CH</i>	US- 5,536,894		07-16-1996	Degnan et al.	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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of

9

Application Number	10/790,848
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1765
Examiner Name	WooD

Attorney Docket Number SAB-30190 (STC-03-0037)

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Line(s), Where Relevant Passages or Relevant Figures Appear
WooD		US- 5,541,146	07-30-1996	Chang et al.	
		US- 5,681,095	10-01-1998	Chen et al.	
		US- 5,583,310	10-08-1996	Chang et al.	
		US- 5,569,805	10-29-1996	Beck et al.	
		US- 5,571,768	11-05-1996	Chang et al.	
		US- 5,573,748	11-12-1996	Chen	
		US- 5,576,256	11-19-1996	Monque et al.	
		US- 5,607,888	03-04-1997	Chang et al.	
		US- 5,607,890	03-04-1997	Chen et al.	
		US- 5,646,314	07-08-1997	Crocco et al.	
		US- 5,648,580	07-15-1997	Chen et al.	
		US- 5,658,454	08-19-1997	Absil et al.	
		US- 5,675,047	10-07-1997	Beck et al.	
		US- 5,689,024	11-18-1997	Schmitt	
		US- 5,698,756	12-16-1997	Beck et al.	
		US- 5,780,563	07-14-1998	Chen et al.	
		US- 5,789,335	08-04-1998	Chen et al.	
		US- 5,811,613	09-22-1998	Bhat et al.	
		US- 5,833,840	10-10-1998	Absil et al.	

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## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> "Number" "Kind Code" (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Column, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>4</sup>

Examiner Signature

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Date Considered

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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

Sheet 6 of 9

Sheet 6 of 9 Attorney Docket Number SAB1-30190 (STC-03-0037)

Examiner Initials <i>R.H.</i>	Cite No. <i>1</i>	U. S. PATENT DOCUMENTS			
		Document Number Number-Kind Code (Priority)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 5,902,919	05-11-1999	Chen et al.	
		US- 5,905,051	05-18-1999	Wu et al.	
		US- 5,922,922	07-13-1999	Harris et al.	
		US- 5,925,586	07-20-1999	Sun	
		US- 5,939,597	08-17-1999	Dessau et al.	
		US- 5,951,963	09-14-1999	He et al.	RECEIVED
		US- 5,955,641	09-21-1999	Chen et al.	CENTRAL FAX
		US- 5,994,603	11-30-1999	Mohr et al.	
		US- 6,034,283	03-07-2000	Ban et al.	
		US- 6,040,257	03-21-2000	Drake et al.	
		US- 6,046,128	04-04-2000	Kisen et al.	
		US- 6,047,544	04-11-2000	Yamamoto et al.	
		US- 6,048,816	04-11-2000	Brown et al.	
		US- 6,060,633	05-09-2000	Chen et al.	
		US- 6,074,975	06-13-2000	Yao et al.	
		US- 6,080,303	06-27-2000	Cao et al.	
		US- 6,080,698	08-27-2000	Zhang et al.	
		US- 6,083,865	07-04-2000	Drake et al.	
		US- 6,090,274	07-18-2000	Wu et al.	

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Examiner \_\_\_\_\_ Date \_\_\_\_\_

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 7 of 9

**Complete if Known**

Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	<i>WJD</i>

Attorney Docket Number SABI-30190 (STC-03-0037)

<b>U. S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.*	Document Number Number & Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
<i>WJD</i>		US- 6,100,437	08-08-2000	Koehl et al.	
		US- 6,124,227	09-26-2000	Yao et al.	
		US- 6,150,293	11-21-2000	Verdijnen et al.	
		US- 6,158,949	12-05-2000	Brown et al.	
		US- 6,160,191	12-12-2000	Smith et al.	RECEIVED CENTRAL FA CENTER
		US- 6,187,982	02-13-2001	Beck et al.	
		US- 6,211,104	04-03-2001	Shi et al.	
		US- 6,217,748	04-17-2001	Hatanaka et al.	
		US- 6,251,283	08-28-2001	Hatanaka et al.	
		US- 6,294,493	09-25-2001	Strohmaier et al.	
		US- 6,300,535	10-09-2001	van den Berge et al.	
		US- 6,306,790	10-23-2001	Rodriguez et al.	
		US- 6,342,153	01-29-2002	Guan et al.	
		US- 6,388,158	05-14-2002	Ou et al.	
		US- 6,395,664	05-28-2002	Boehner et al.	
		US- 6,299,530	06-04-2002	Chen et al.	
		US- 6,417,421	07-09-2002	Yao	
		US- 6,423,879	07-23-2002	Brown et al.	
		US- 6,444,610	09-03-2002	Yamamoto	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No.*	Foreign Patent Document Country Code* Number & Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear
					T

Examiner Signature	<i>WJD</i>	Date Considered	<i>12/14/05</i>
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## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Application Number	10/790,948
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	Woo P
Attorney Docket Number	SAB-30190 (STC-03-0037)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	Document Number Number-Kind Code & Issue Date	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US- 6,459,008	10-01-2002	Ou et al.	
		US- 6,469,095	11-22-2002	Gareiss et al.	
		US- 6,503,862	01-07-2003	Yamamoto	
		US- 6,504,072	01-07-2003	Brown et al.	
		US- 6,504,074	01-07-2003	Verdijnen et al.	RECEIVE
		US- 6,508,954	01-14-2003	Brown et al.	CENTRAL FAX C
		US- 6,518,213	02-11-2003	Yamamoto et al.	
		US- 6,548,725	04-15-2003	Froment et al.	DEC 14 2
		US- 6,566,293	05-20-2003	Vogt et al.	
		US- 6,589,901	07-08-2003	Yamamoto	
		US- 6,613,708	09-02-2003	Ou et al.	
		US- 6,613,951	09-02-2003	Brown et al.	
		US- 6,642,426	11-04-2003	Johnson et al.	
		US- 6,689,929	02-10-2004	Williams et al.	
		US- 6,699,811	03-02-2004	Mohr et al.	
		US- 6,723,297	04-20-2004	Chen et al.	
		US- 6,726,834	04-27-2004	Quesada et al.	
		US- 6,770,251	08-03-2004	Yoshikawa	
		US- 6,773,694	08-10-2004	Lesch et al.	

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Sheet 9 of 9

<b>Complete If Known</b>	
Application Number	10/780,848
Filing Date	March 2, 2004
First Named Inventor	Ashim Kumar Ghosh
Art Unit	1755
Examiner Name	<i>[Handwritten Signature]</i>
Attorney Docket Number	SAB-30190 (STC-03-0037)

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